

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftpersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404.

<p>The drawings filed (insert date) _____, are</p> <p><input checked="" type="checkbox"/> A. not objected to by the Draftsperson under 37 CFR 1.84 or 1.152.</p> <p><input type="checkbox"/> B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.</p>		<p>Modified forms. 37 CFR 1.84(h)(5)</p> <p><input type="checkbox"/> ___ . Modified forms of construction must be shown in separate views. Fig(s) _____</p>																								
<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:</p> <p><input type="checkbox"/> Black ink. Color.</p> <p><input type="checkbox"/> Not black solid lines. Fig(s) _____</p> <p><input type="checkbox"/> Color drawings are not acceptable until petition is granted.</p>		<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)</p> <p><input type="checkbox"/> ___ View placed upon another view or within outline of another. Fig(s) _____</p> <p><input type="checkbox"/> ___ Words do not appear in a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p>																								
<p>2. PHOTOGRAPHS. 37 CFR 1.84(b)</p> <p><input type="checkbox"/> ___ Photographs are not acceptable until petition is granted.</p>		<p>9. SCALE. 37 CFR 1.84(k)</p> <p><input type="checkbox"/> ___ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p><input type="checkbox"/> ___ Indication such as "actual size" or "scale 1/2" not permitted. Fig(s) _____</p> <p><input type="checkbox"/> ___ Elements of same view not in proportion to each other. Fig(s) _____</p>																								
<p>3. GRAPHIC FORMS. 37 CFR 1.84 (d)</p> <p><input type="checkbox"/> ___ Chemical or mathematical formula not labeled as separate figure. Fig(s) _____</p> <p><input type="checkbox"/> ___ Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis. Fig(s) _____</p> <p><input type="checkbox"/> ___ Individuals waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s) _____</p>		<p>10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(j)</p> <p><input type="checkbox"/> ___ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (except for color drawings). Fig(s) _____</p>																								
<p>4. TYPE OF PAPER. 37 CFR 1.84(e)</p> <p><input type="checkbox"/> ___ Paper not flexible, strong, white, smooth, nonshiny, and durable. Sheet(s) _____</p> <p><input checked="" type="checkbox"/> Erasures, alterations, overwritings, interfusations, cracks, creases, and folds not allowed. Sheet(s) <u>all</u> _____</p>		<p>11. SHADING. 37 CFR 1.84(m)</p> <p><input type="checkbox"/> ___ Shading used for other than shape of spherical, cylindrical, and conical elements of an object, or for flat parts. Fig(s) _____</p> <p><input type="checkbox"/> ___ Solid black shading areas not permitted. Fig(s) _____</p>																								
<p>5. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable paper sizes:</p> <p><input type="checkbox"/> 21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)</p> <p><input type="checkbox"/> 21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)</p> <p><input type="checkbox"/> 21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)</p> <p><input type="checkbox"/> 21.0 cm. by 29.7 cm. (DIN size A4)</p> <p><input type="checkbox"/> ___ All drawing sheets not the same size. Sheet(s) _____</p> <p><input type="checkbox"/> ___ Drawing sheet not an acceptable size. Sheet(s) _____</p>		<p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)</p> <p><input type="checkbox"/> ___ Numbers and reference characters not plain and legible. 37 CFR 1.84(p)(1) Fig(s) _____</p> <p><input type="checkbox"/> ___ Numbers and reference characters used in conjunction with brackets, inverted commas, or enclosed within outlines. 37 CFR 1.84(p)(1) Fig(s) _____</p> <p><input type="checkbox"/> ___ Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____</p> <p><input type="checkbox"/> ___ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____</p> <p><input type="checkbox"/> ___ Numbers, letters, and reference characters do not measure at least .32 cm. (1/8 inch) in height. 37 CFR(p)(3) Fig(s) <u>1/8</u> _____</p>																								
<p>6. MARGINS. 37 CFR 1.84(g): Acceptable margins:</p> <p><input type="checkbox"/> Paper size:</p> <table border="1"> <tr> <td>21.6 cm. X 35.6 cm.</td> <td>21.6 cm. X 33.1 cm.</td> <td>21 cm. X 27.9 cm.</td> <td>21 cm. X 29.7 cm.</td> </tr> <tr> <td>(8 1/2 X 14 inches)</td> <td>(8 1/2 X 13 inches)</td> <td>(8 1/2 X 11 inches)</td> <td>(DIN Size A4)</td> </tr> <tr> <td>T 5.1 cm. (2")</td> <td>2.5 cm. (1")</td> <td>2.5 cm. (1")</td> <td>2.5 cm.</td> </tr> <tr> <td>L .64 cm. (1/4")</td> <td>.64 cm. (1/4")</td> <td>.64 cm. (1/4")</td> <td>.64 cm.</td> </tr> <tr> <td>R .64 cm. (1/4")</td> <td>.64 cm. (1/4")</td> <td>.64 cm. (1/4")</td> <td>1.5 cm.</td> </tr> <tr> <td>B .64 cm. (1/4")</td> <td>.64 cm. (1/4")</td> <td>.64 cm. (1/4")</td> <td>1.0 cm.</td> </tr> </table> <p><input type="checkbox"/> Margins do not conform to chart above. Sheet(s) _____</p> <p><input type="checkbox"/> ___ Top (T) <input type="checkbox"/> ___ Left (L) <input type="checkbox"/> ___ Right (R) <input type="checkbox"/> ___ Bottom (B)</p>		21.6 cm. X 35.6 cm.	21.6 cm. X 33.1 cm.	21 cm. X 27.9 cm.	21 cm. X 29.7 cm.	(8 1/2 X 14 inches)	(8 1/2 X 13 inches)	(8 1/2 X 11 inches)	(DIN Size A4)	T 5.1 cm. (2")	2.5 cm. (1")	2.5 cm. (1")	2.5 cm.	L .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	.64 cm.	R .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.5 cm.	B .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.0 cm.	<p>13. LEAD LINES. 37 CFR 1.84(q)</p> <p><input type="checkbox"/> ___ Lead lines cross each other. Fig(s) _____</p> <p><input type="checkbox"/> ___ Lead lines missing. Fig(s) _____</p> <p><input type="checkbox"/> ___ Lead lines not as short as possible. Fig(s) _____</p>
21.6 cm. X 35.6 cm.	21.6 cm. X 33.1 cm.	21 cm. X 27.9 cm.	21 cm. X 29.7 cm.																							
(8 1/2 X 14 inches)	(8 1/2 X 13 inches)	(8 1/2 X 11 inches)	(DIN Size A4)																							
T 5.1 cm. (2")	2.5 cm. (1")	2.5 cm. (1")	2.5 cm.																							
L .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	.64 cm.																							
R .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.5 cm.																							
B .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.0 cm.																							
<p>7. VIEWS. 37 CFR 1.84(h):</p> <p>REMINDER: Specification may require revision to correspond to drawing changes.</p> <p><input type="checkbox"/> ___ All views not grouped together. Fig(s) _____</p> <p><input type="checkbox"/> ___ Views connected by projection lines. Fig(s) _____</p> <p><input type="checkbox"/> ___ Views contain center lines. Fig(s) _____</p> <p><input type="checkbox"/> ___ Partial views. 37 CFR 1.84(h)(2)</p> <p><input type="checkbox"/> ___ Separate sheets not linked edge to edge. Fig(s) _____</p> <p><input type="checkbox"/> ___ View and enlarged view not labeled separately. Fig(s) _____</p> <p><input type="checkbox"/> ___ Long view relationship between different parts not clear and unambiguous. 37 CFR 1.84(h)(2)(ii) Fig(s) _____</p> <p><input type="checkbox"/> ___ Sectional views. 37 CFR 1.84(h)(3)</p> <p><input type="checkbox"/> ___ Hatching not indicated for sectional portions of an object. Fig(s) _____</p> <p><input type="checkbox"/> ___ Hatching of regularly spaced oblique parallel lines not spaced sufficiently. Fig(s) _____</p> <p><input type="checkbox"/> ___ Hatching not at substantial angle to surrounding axes or principal lines. Fig(s) _____</p> <p><input type="checkbox"/> ___ Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s) _____</p> <p><input type="checkbox"/> ___ Hatching of juxtaposed different elements not angled in a different way. Fig(s) _____</p> <p><input type="checkbox"/> ___ Alternate position. 37 CFR 1.84(h)(4)</p> <p><input type="checkbox"/> ___ A separate view required for a moved position. Fig(s) _____</p>		<p>14. NUMBER OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)</p> <p><input type="checkbox"/> ___ Number appears in top margin. Fig(s) _____</p> <p><input type="checkbox"/> ___ Number not larger than reference characters. Fig(s) _____</p> <p><input type="checkbox"/> ___ Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s) _____</p>																								
<p>15. NUMBER OF VIEWS. 37 CFR 1.84(u)</p> <p><input type="checkbox"/> ___ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p><input type="checkbox"/> ___ View numbers not preceded by the abbreviation Fig. Fig(s) _____</p> <p><input type="checkbox"/> ___ Single view contains a view number and the abbreviation Fig. Fig(s) _____</p> <p><input type="checkbox"/> ___ Numbers not larger than reference characters. Fig(s) _____</p>		<p>16. CORRECTIONS. 37 CFR 1.84(w)</p> <p><input type="checkbox"/> ___ Corrections not durable and permanent. Fig(s) _____</p>																								
<p>17. DESIGN DRAWING. 37 CFR 1.152</p> <p><input type="checkbox"/> ___ Surface shading shown not appropriate. Fig(s) _____</p> <p><input type="checkbox"/> ___ Solid black shading not used for color contrast. Fig(s) _____</p>																										